



NITFS Compliance Registration



Product: Rapid Access Image Server (RAIS) version 2.0

Sponsor: Research Systems, Inc.

Developer: Research Systems, Inc.

Date: 25 September 2004

Expiration: 25 September 2006

Registration #: 2037

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Windows 2000, Windows XP, and Windows Server 2003
- Sun Solaris 2.8

NITFS Features Implemented:

Format

- NITF**
☒ v2.1
☐ v2.0
☐ v1.1

- NSIF**
☐ v1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☒ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☐ RGB/LUT
☒ YCbCr
☒ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☐ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ - None implemented
☐
☐

Legend
Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program